Εντολές

hdfs dfs -ls ../hbase/dataset/

hbase shell

hdfs dfs -cat ../hbase/dataset/yelp\_checkin.csv

hdfs dfs -cat ../hbase/dataset/yelp\_business\_attributes.csv | wc - l

scan ‘hbase:USER12.YELPBUSINESS’

scan 'USER12.YELPCHECKIN'

Φόρτωση των δεδομένων:

hbase org.apache.hadoop.hbase.mapreduce.ImportTsv '-Dimporttsv.separator=,' -Dimporttsv.columns=HBASE\_ROW\_KEY,BASE:NAME,BASE:NEIGHBORHOOD,BASE:ADDRESS,BASE:CITY,BASE:STATE,BASE:POSTALCODE,BASE:LATITUDE,BASE:LONGTITUDE,BASE:STARS,BASE:REVIEWCOUNT,BASE:ISOPEN,BASE:CATEGORIES USER12.YELPBUSINESS ../hbase/dataset/yelp\_business.csv

Φόρτωση των δεδομένων:

hbase org.apache.hadoop.hbase.mapreduce.ImportTsv '-Dimporttsv.separator=,' -Dimporttsv.columns=HBASE\_ROW\_KEY,ATTRIBUTES:ACCEPTSINSURANCE,ATTRIBUTES:BYAPPOINTMENTONLY,ATTRIBUTES:BUSINESSACCEPTSCREDITCARDS,ATTRIBUTES:BUSINESSPARKINGGARAGE,ATTRIBUTES:BUSINESSPARKINGSTREET,ATTRIBUTES:BUSINESSPARKINGVALIDATED,ATTRIBUTES:BUSINESSPARKINGLOT,ATTRIBUTES:BUSINESSPARKINGVALET,ATTRIBUTES:HAIRSPECIALIZESINCOLORING,ATTRIBUTES:HAIRSPECIALIZESINAFRICANAMERICAN,ATTRIBUTES:HAIRSPECIALIZESINCURLY,ATTRIBUTES:HAIRSPECIALIZESINPERMS,ATTRIBUTES:HAIRSPECIALIZESINKIDS,ATTRIBUTES:HAIRSPECIALIZESINEXTENSIONS,ATTRIBUTES:HAIRSPECIALIZESINASIAN,ATTRIBUTES:HAIRSPECIALIZESINSTRAIGHTPERMS,ATTRIBUTES:RESTAURANTSPRICERANGETWO,ATTRIBUTES:GOODFORKIDS,ATTRIBUTES:WHEELCHAIRACCESSIBLE,ATTRIBUTES:BIKEPARKING,ATTRIBUTES:ALCOHOL,ATTRIBUTES:HASTV,ATTRIBUTES:NOISELEVEL,ATTRIBUTES:RESTAURANTSATTIRE,ATTRIBUTES:MUSICDJ,ATTRIBUTES:MUSICBACKGROUNDMUSIC,ATTRIBUTES:MUSICNOMUSIC,ATTRIBUTES:MUSICKARAOKE,ATTRIBUTES:MUSICLIVE,ATTRIBUTES:MUSICVIDEO,ATTRIBUTES:MUSICJUKEBOX,ATTRIBUTES:AMBIENCEROMANTIC,ATTRIBUTES:AMBIENCEINTIMATE,ATTRIBUTES:AMBIENCECLASSY,ATTRIBUTES:AMBIENCEHIPSTER,ATTRIBUTES:AMBIENCEDIVEY,ATTRIBUTES:AMBIENCETOURISTY,ATTRIBUTES:AMBIENCETRENDY,ATTRIBUTES:AMBIENCEUPSCALE,ATTRIBUTES:AMBIENCECASUAL,ATTRIBUTES:RESTAURANTSGOODFORGROUPS,ATTRIBUTES:CATERS,ATTRIBUTES:WIFI,ATTRIBUTES:RESTAURANTSRESERVATIONS,ATTRIBUTES:RESTAURANTSTAKEOUT,ATTRIBUTES:HAPPYHOUR,ATTRIBUTES:GOODFORDANCING,ATTRIBUTES:RESTAURANTSTABLESERVICE,ATTRIBUTES:OUTDOORSEATING,ATTRIBUTES:RESTAURANTSDELIVERY,ATTRIBUTES:BESTNIGHTSMONDAY,ATTRIBUTES:BESTNIGHTSTUESDAY,ATTRIBUTES:BESTNIGHTSFRIDAY,ATTRIBUTES:BESTNIGHTSWEDNESDAY,ATTRIBUTES:BESTNIGHTSTHURSDAY,ATTRIBUTES:BESTNIGHTSSUNDAY,ATTRIBUTES:BESTNIGHTSSATURDAY,ATTRIBUTES:GOODFORMEALDESSERT,ATTRIBUTES:GOODFORMEALLATENIGHT,ATTRIBUTES:GOODFORMEAL\_LUNCHGOODFORMEALDINNER,ATTRIBUTES:GOODFORMEAL\_BREAKFAST,ATTRIBUTES:GOODFORMEALBRUNCH,ATTRIBUTES:COATCHECK,ATTRIBUTES:SMOKING,ATTRIBUTES:DRIVETHRU,ATTRIBUTES:DOGSALLOWED,ATTRIBUTES:BUSINESSACCEPTSBITCOIN,ATTRIBUTES:OPEN24HOURS,ATTRIBUTES:BYOBCORKAGE,ATTRIBUTES:BYOB,ATTRIBUTES:CORKAGE,ATTRIBUTES:DIETARYRESTRICTIONSDAIRYFREE,ATTRIBUTES:DIETARYRESTRICTIONSGLUTENFREE,ATTRIBUTES:DIETARYRESTRICTIONSVEGAN,ATTRIBUTES:DIETARYRESTRICTIONSKOSHER,ATTRIBUTES:DIETARYRESTRICTIONSHALAL,ATTRIBUTES:DIETARYRESTRICTIONSSOYFREE,ATTRIBUTES:DIETARYRESTRICTIONSVEGETARIAN,ATTRIBUTES:AGESALLOWED,ATTRIBUTES:RESTAURANTSCOUNTERSERVICE USER12.YELPBUSINESS ../hbase/dataset/yelp\_business\_attributes.csv

Φόρτωση των δεδομένων:

hbase org.apache.hadoop.hbase.mapreduce.ImportTsv '-Dimporttsv.separator=,' -Dimporttsv.columns=HBASE\_ROW\_KEY,HOURS:MONDAY,HOURS:TUESDAY,HOURS:WEDNESDAY,HOURS:THURSDAY,HOURS:FRIDAY,HOURS:SATURDAY, HOURS: SUNDAY USER12. YELPBUSINESS ../hbase/dataset/ yelp\_business\_hours.csv

Φόρτωση των δεδομένων:

hbase org.apache.hadoop.hbase.mapreduce.ImportTsv '-Dimporttsv.separator=,' -Dimporttsv.columns=HBASE\_ROW\_KEY,PERHOUR:BUSINESSID,PERHOUR:WEEKDAY,PERHOUR:HOUR,PERHOUR:CHECKIN USER12.YELPCHECKIN ../hbase/dataset/yelp\_checkin.csv

disable 'USER12.YELPBUSINESS'

drop 'USER12.YELPBUSINESS'

hadoop fs -ls ../user/hbase/dataset

create 'USER12.YELPBUSINESS', 'BASE', 'ATTRIBUTES', 'HOURS'

create 'USER12.YELPCHECKIN', 'PERHOUR'